

### HOMEWORK

#### Overview

This activity presents an opportunity for you to brainstorm, prepare, and then implement an activity that incorporates basic mathematics concepts.

#### Objectives

- To integrate mathematics into your classroom routines
- To develop an activity that maximizes instruction time
- To focus on geometry

#### Materials

- A collection of shapes made out of construction paper (circles, ovals, squares, rectangles, triangles, etc., depending on the activity that you design)

#### Instructions

Here's the challenge: Can you think of a way to have children use the manipulative shapes as part of a mathematics lesson focused on geometry?

1. Write down your activity.
2. Try it in your classroom.
3. Tell us how it went.

#### **CIRCLE Tip**

If you're stuck, here are two ideas to get you started:

- Have a discussion with children and help them to see the attributes for each shape. For example, how many sides does a triangle have? A square?
- Prepare a large graph with a column for each shape. Distribute the shapes and then have the children put their shapes in the correct place on the graph. Leave the graph up in the classroom for the next day to discuss.